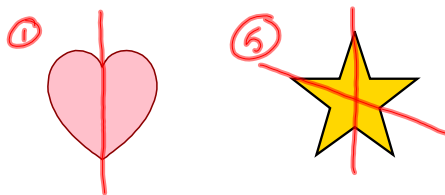


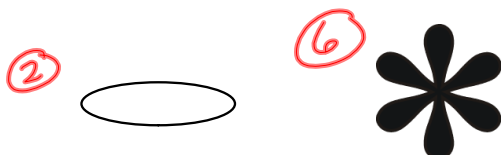
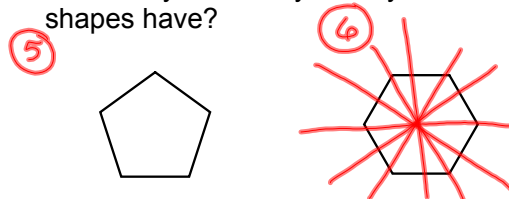
## 9.6 Identify Symmetry

line symmetry--if a figure can be mapped onto itself by a reflection in a line (known as the line of symmetry)

rotational symmetry--if a figure can be mapped onto itself by a rotation of  $180^\circ$  or less about the center of the figure (known as the center of symmetry)



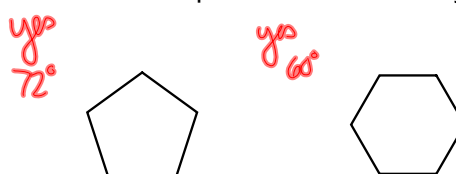
How many lines of symmetry do these shapes have?



How many lines of symmetry do these shapes have?



Do these shapes have rotational symmetry?



Do these shapes have rotational symmetry?



Words with symmetry

MOM I A  
WOW ———  
—BIB— HOOK  
DECIDE COOK  
OBOE  
ATOYOTA

SWIMS

EE 199